

CLAIMS

1. A heater bag for bakery products made using a flour-based dough, the bag comprising a flexible or semi-rigid casing defining a bottom (111; 211), side walls (110; 210), an opening (112; 212), and means (113; 213) for selectively closing the opening (112; 212), the bag being characterized in that it includes at least one semi-flexible heater plate (121, 122) having an electrical heater element (141, 142) incorporated therein and itself being inserted in a pocket of natural material comprising cotton, flax, and wool, said pocket constituting a portion of the bottom (111; 211), of the side walls (110; 210), or of the means (113; 213) for closing the bag, and in that for each heater plate (121, 122) the heating power per cm² lies in the range 0.13 W to 0.24 W.
2. A heater bag according to claim 1, characterized in that the heating power per cm² for each heater plate (121, 122) lies in the range 0.16 W to 0.20 W.
3. A heater bag according to claim 1 or claim 2, characterized in that it includes first and second semi-flexible heater plates (121, 122) each having a heater element (141, 142) incorporated therein and themselves being inserted in pockets of natural material constituting a portion of the bottom (111; 211), of the side walls (110; 210), or of the means (113; 213) for closing the bag.
4. A heater bag according to any one of claims 1 to 3, characterized in that the power supply voltage for the heater element (141, 142) of each heater plate (121, 122) lies in the range 100 V to 240 V.
5. A heater bag according to claim 3, characterized in that the first and second heater plates (121, 122) are

incorporated in two opposite portions of the side walls (110, 210).

5 6. A heater bag according to claim 3, characterized in
that the first and second heater plates (121, 122) are
incorporated firstly in the bottom (211) of the bag and
secondly in the means (213) for selectively closing the
opening (212).

10 7. A heater bag according to any one of claims 1 to 6,
characterized in that each semi-flexible heater plate
(121, 122) comprises an electrical resistance wire (155;
255) integrated in a sheet that is inserted in sheets of
silicone glass fabric (154; 254).

15 8. A heater bag according to any one of claims 1 to 7,
characterized in that each pocket incorporating a semi-
flexible heater plate (121, 122) comprises firstly an
outer cotton lining (151; 251) and a flannelette (153;
20 253) disposed between the outer cotton lining (151; 251)
and said heater plate (121, 122), and secondly an inner
cotton lining (156; 256) placed on the inside relative to
said heater plate (121, 122).

25 9. A heater bag according to any one of claims 1 to 5 and
7, 8, the bag being characterized in that it is elongate
in shape and in that the means (113) for selectively
closing the opening (112) are constituted by a simple
flexible flap (113A) or by closure means disposed in the
30 vicinity of the rim of the opening (112).

10. A heater bag according to any one of claims 1 to 8,
characterized in that it is in the form of a case and
includes semi-rigid walls reinforced by a layer (252,
35 262) of a heat-reactivatable substance used for tieback.

11. A heater bag according to any one of claims 1 to 10,
characterized in that it includes a switch (134) for
selectively connecting the heater elements (141, 142) in
series for powering from a power supply at a first
5 nominal voltage V_{N1} , or in parallel for powering from a
power supply at a second nominal voltage V_{N2} equal to half
the first nominal voltage V_{N1} .
12. A heater bag according to any one of claims 1 to 11,
10 characterized in that it further comprises a temperature
limiter (136) integrated in each heater plate (121, 122).
13. A heater bag according to any one of claims 1 to 12,
characterized in that it includes a pair of semi-flexible
15 heater plates (121, 122) disposed in two opposite main
faces of the bag (110A, 110B; 211, 213), and in that the
walls (110C, 210) uniting these opposite main faces
(110A, 110B; 211, 213) present a capacity for deformation
in a direction perpendicular to said opposite main faces.
- 20 14. A heater bag according to any one of claims 1 to 13,
characterized in that each semi-flexible heater plate
(121, 122) is removable relative to the pocket in which
it is inserted.